

Fig. 1

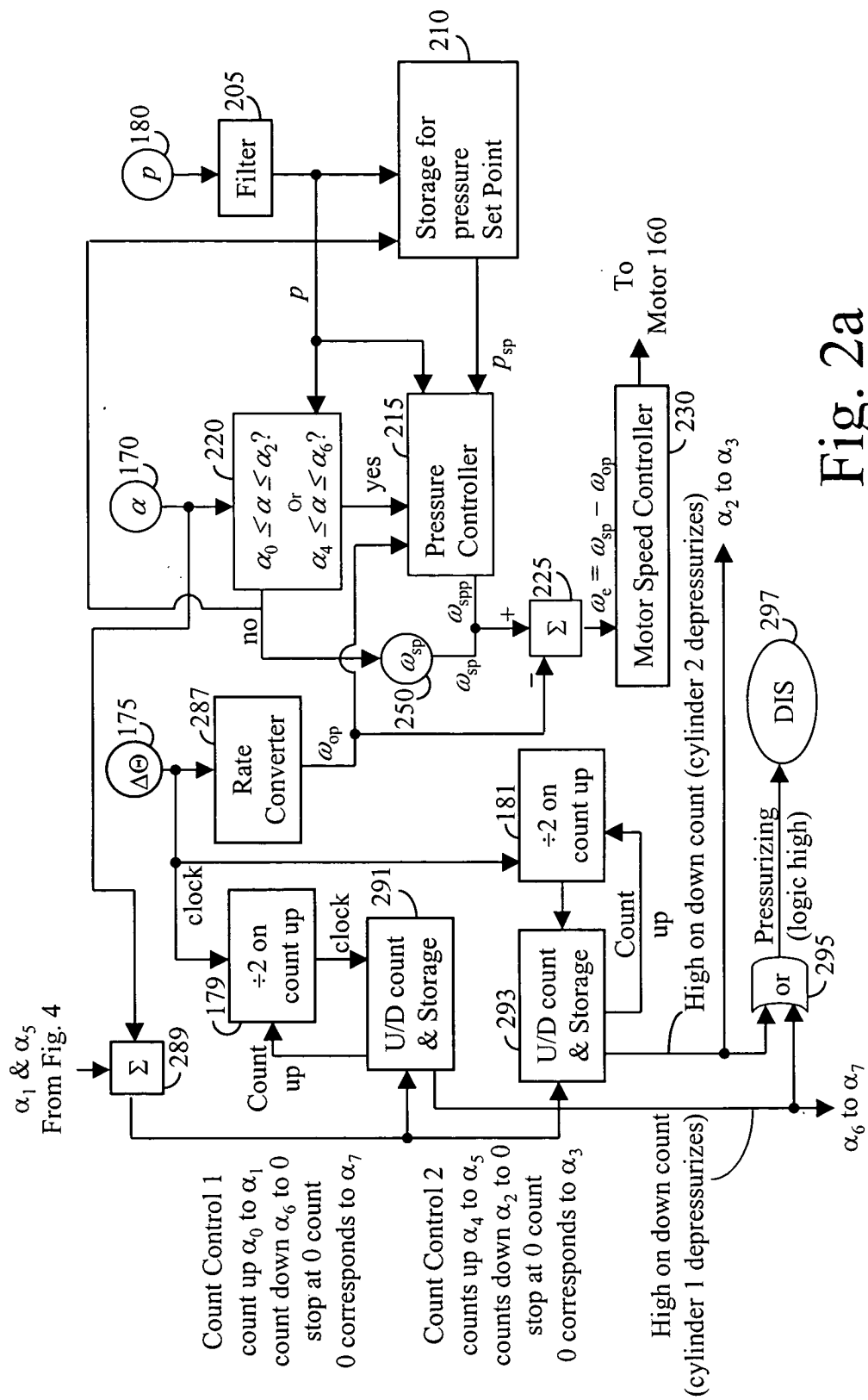


Fig. 2a

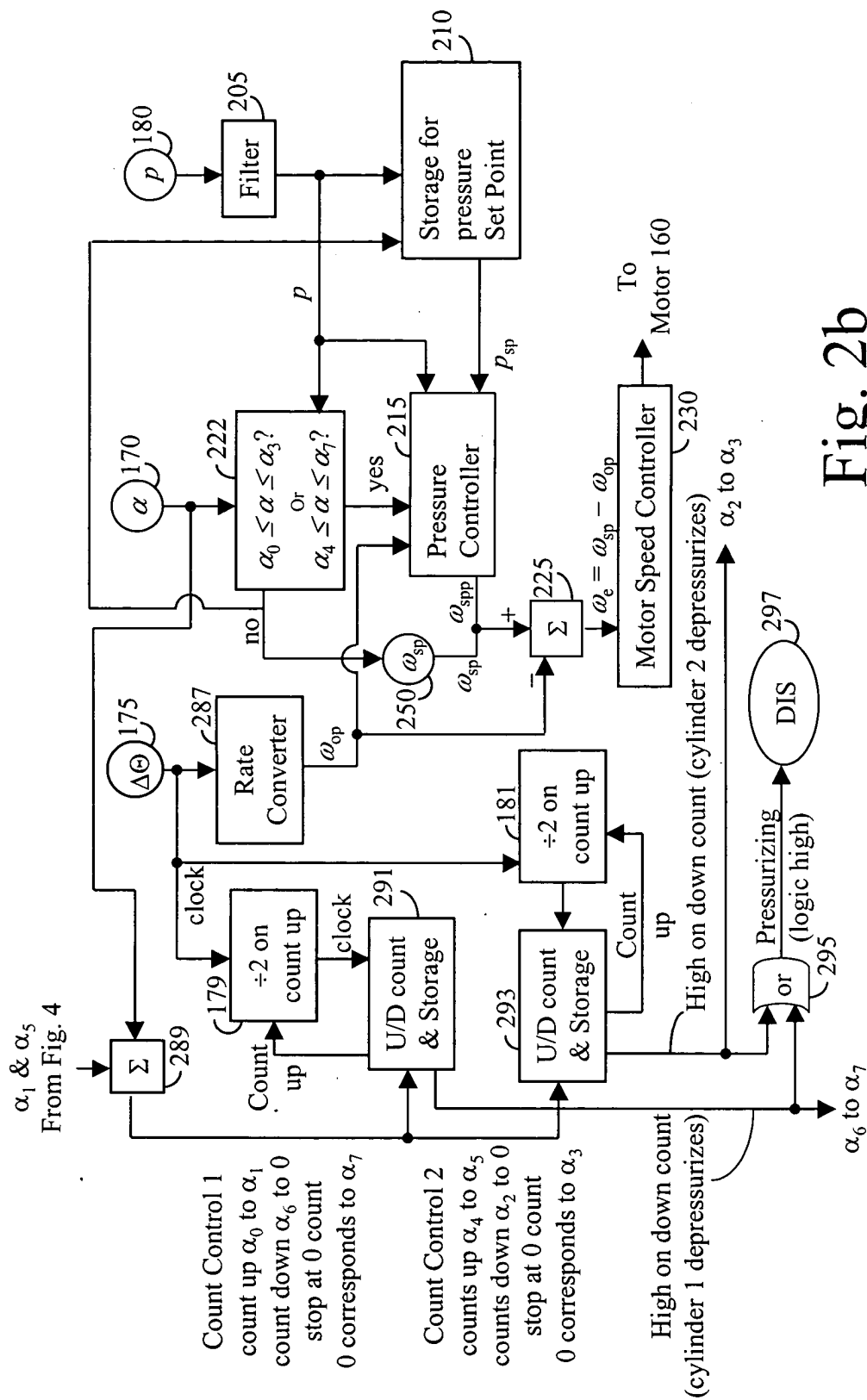


Fig. 2b

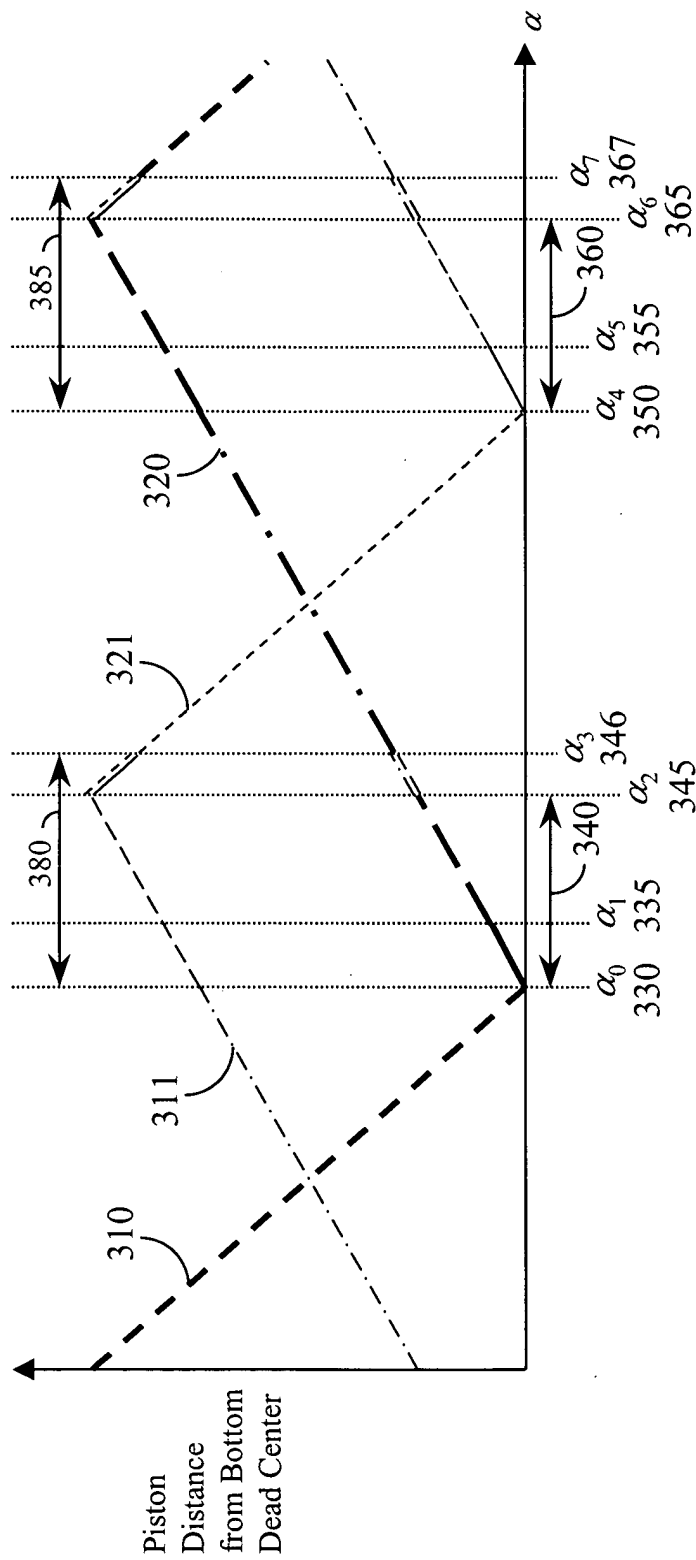


Fig. 3

- · - · - Constant speed discharge
- - - Constant pressure discharge
- · - · - Constant speed refill
- Constant pressure recompression and decompression

$$3 - 2 = (1 - 0)/2$$

$$7 - 6 = (5 - 4)/2$$

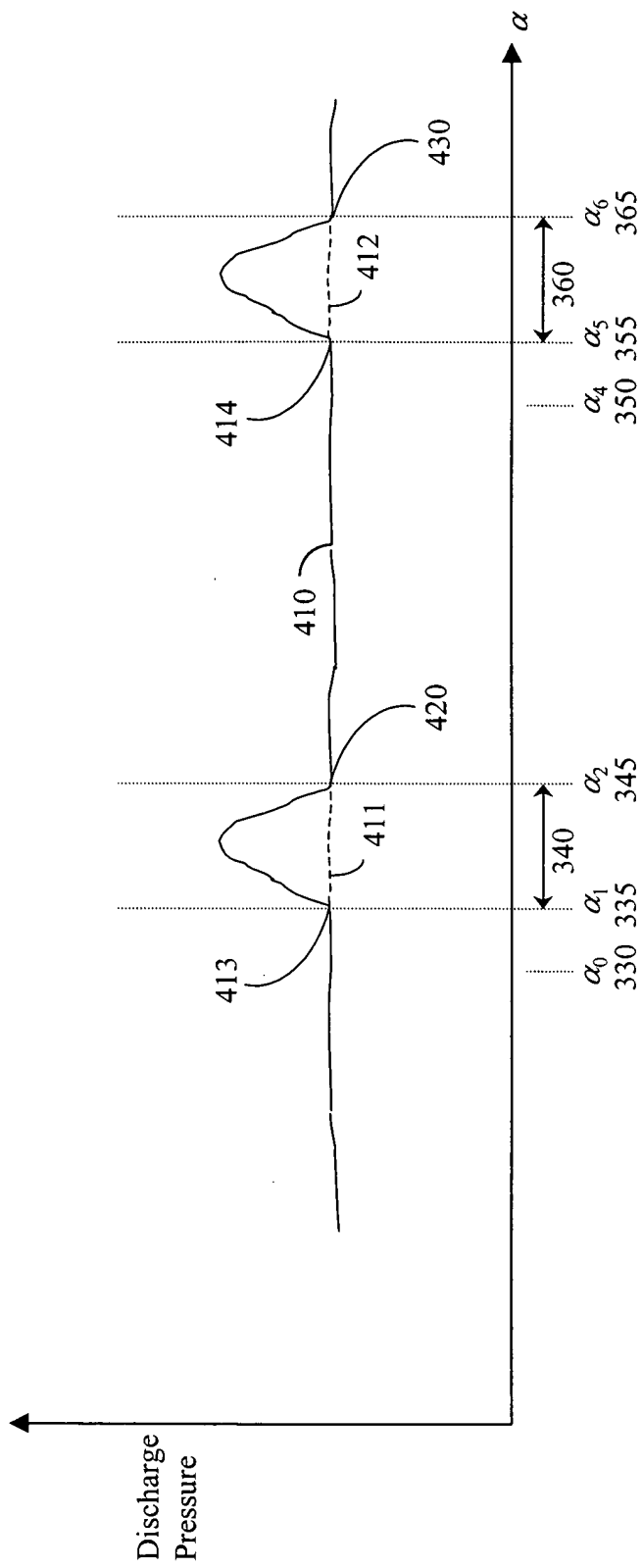


Fig. 4

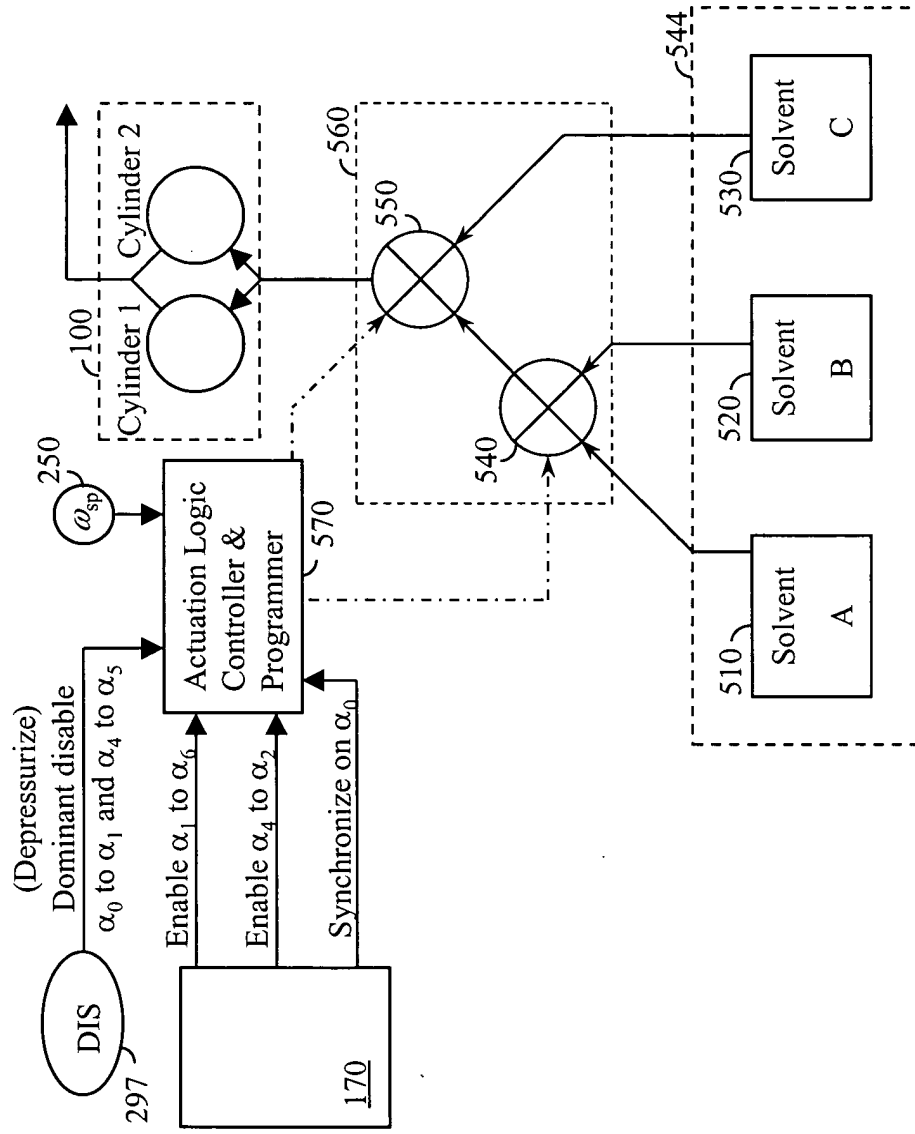


Fig. 5a

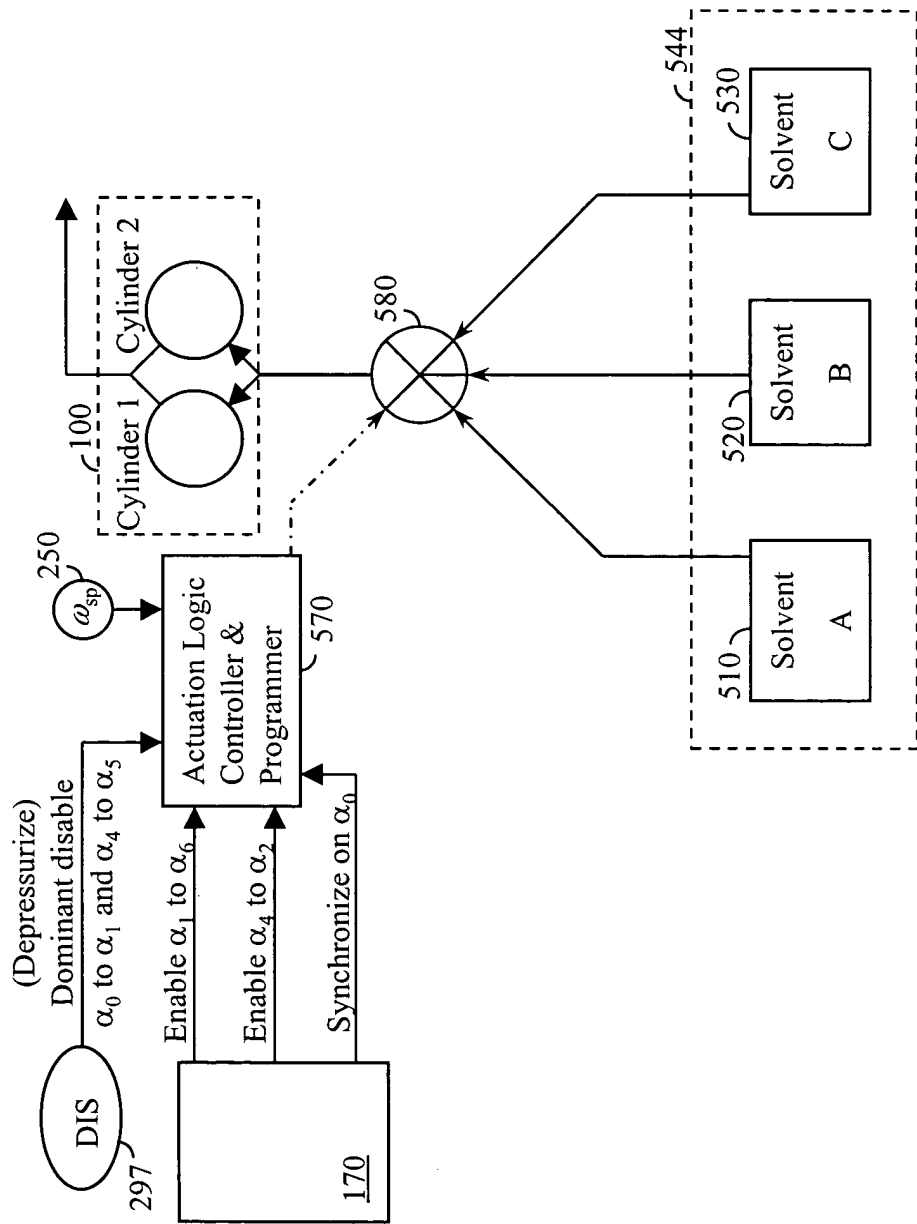


Fig. 5b

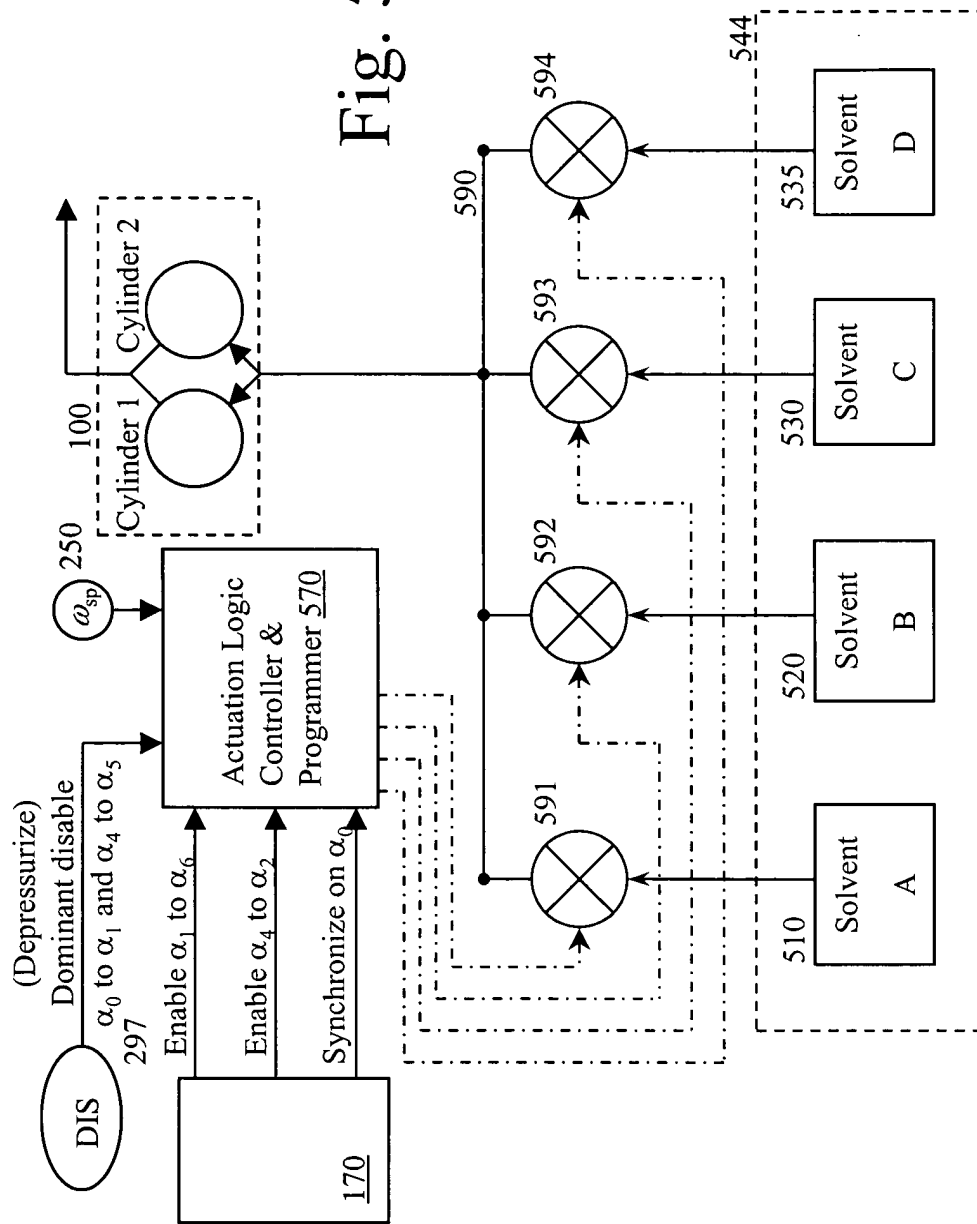


Fig. 5c



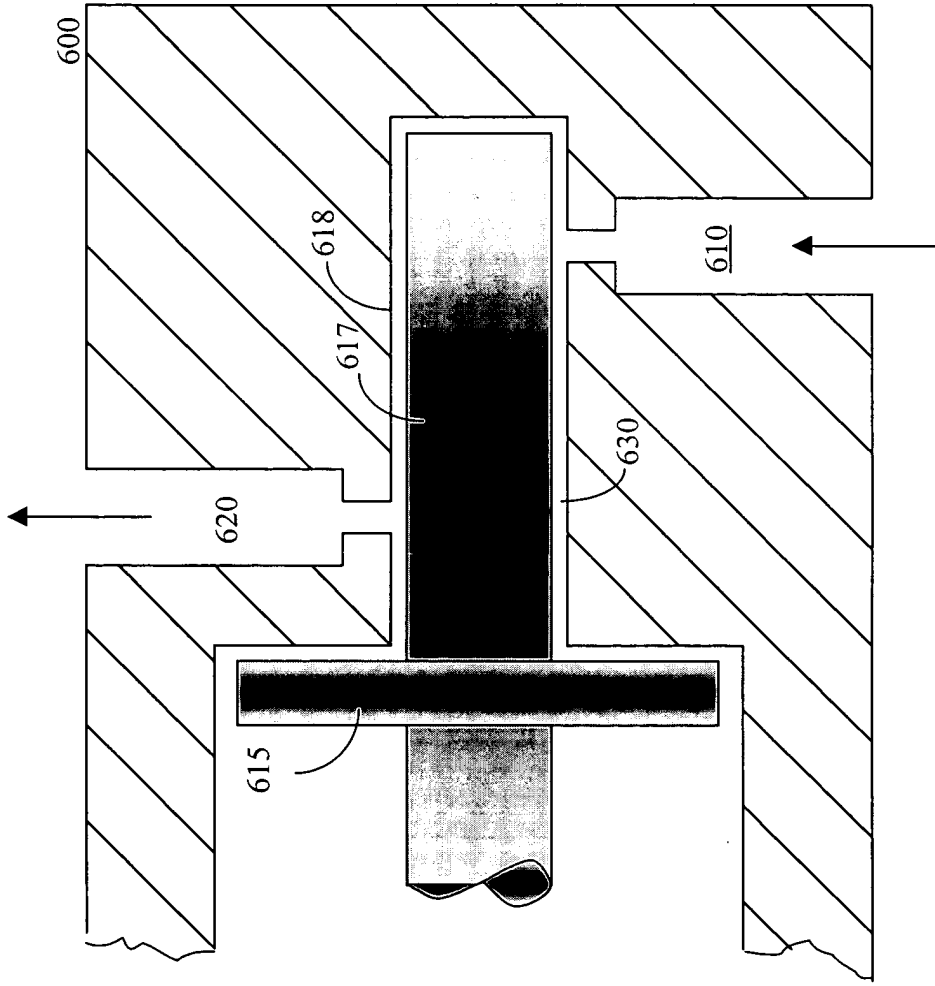


Fig. 6

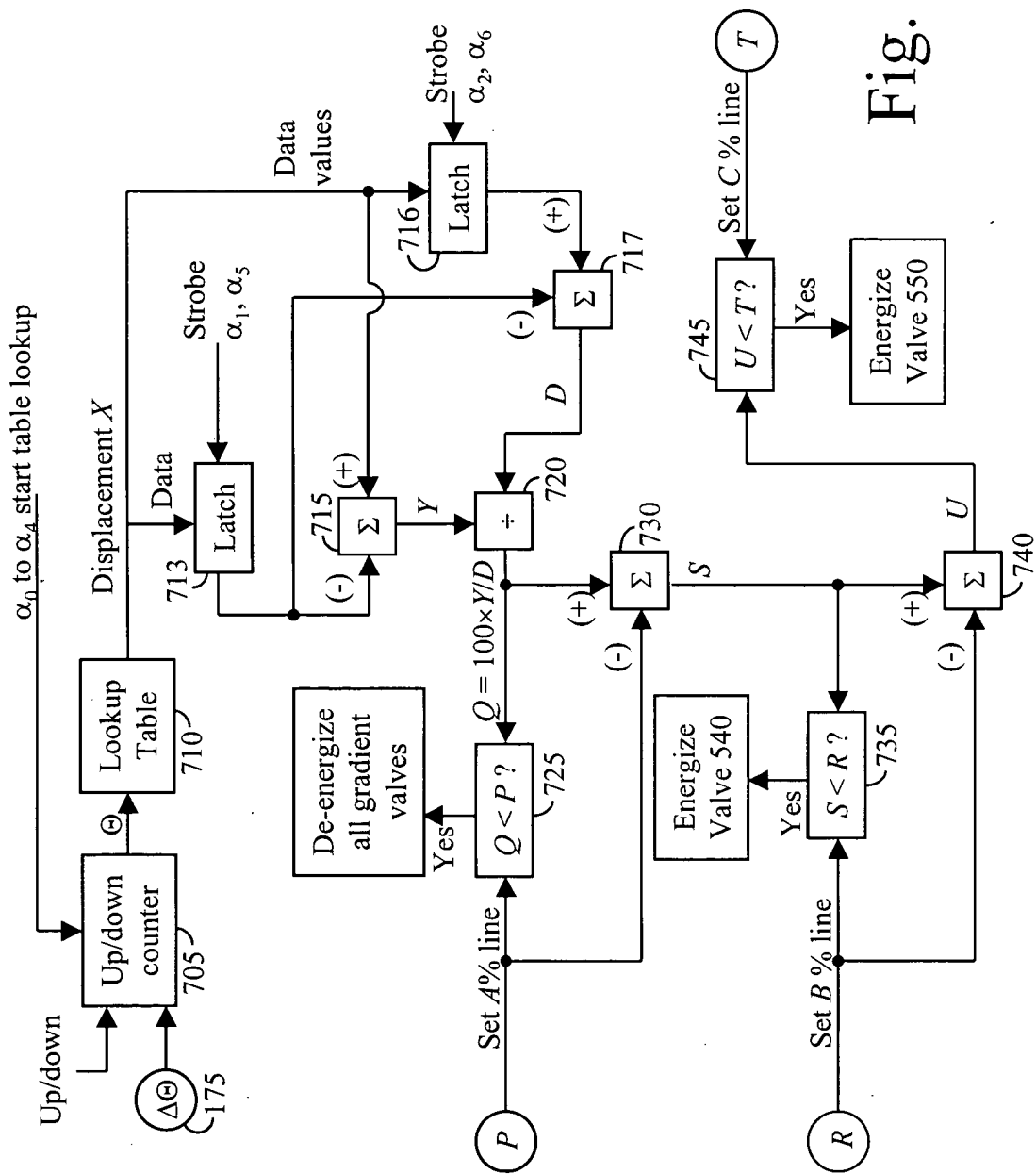


Fig. 7

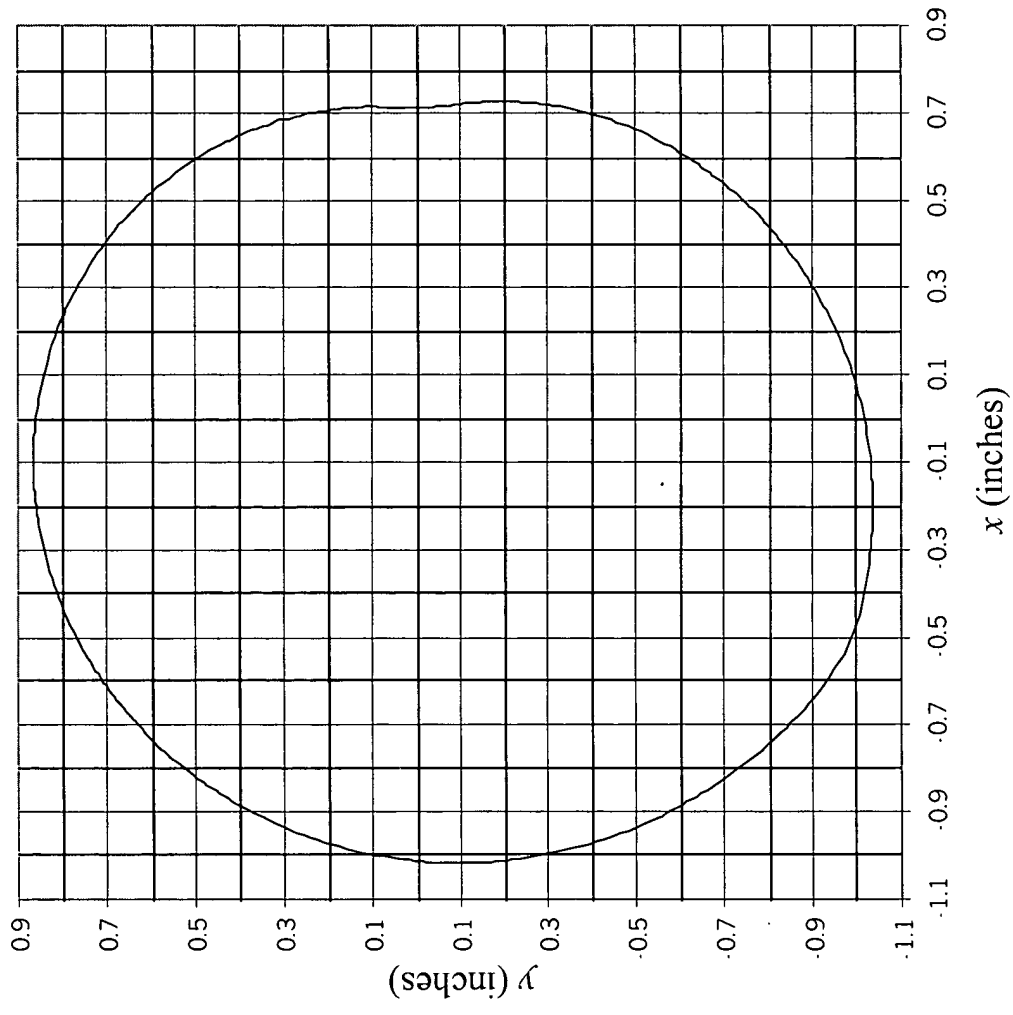


Fig. 8

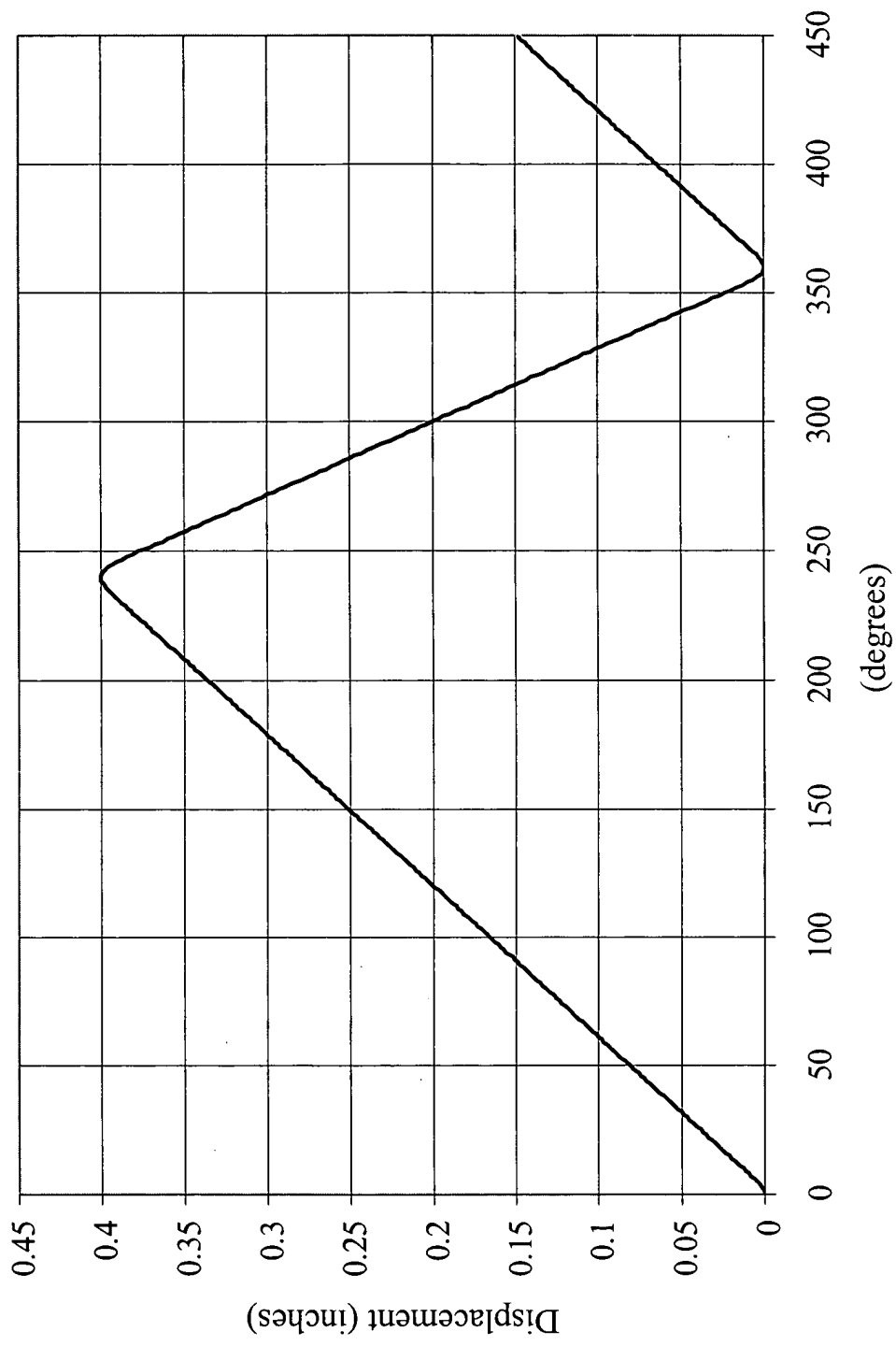
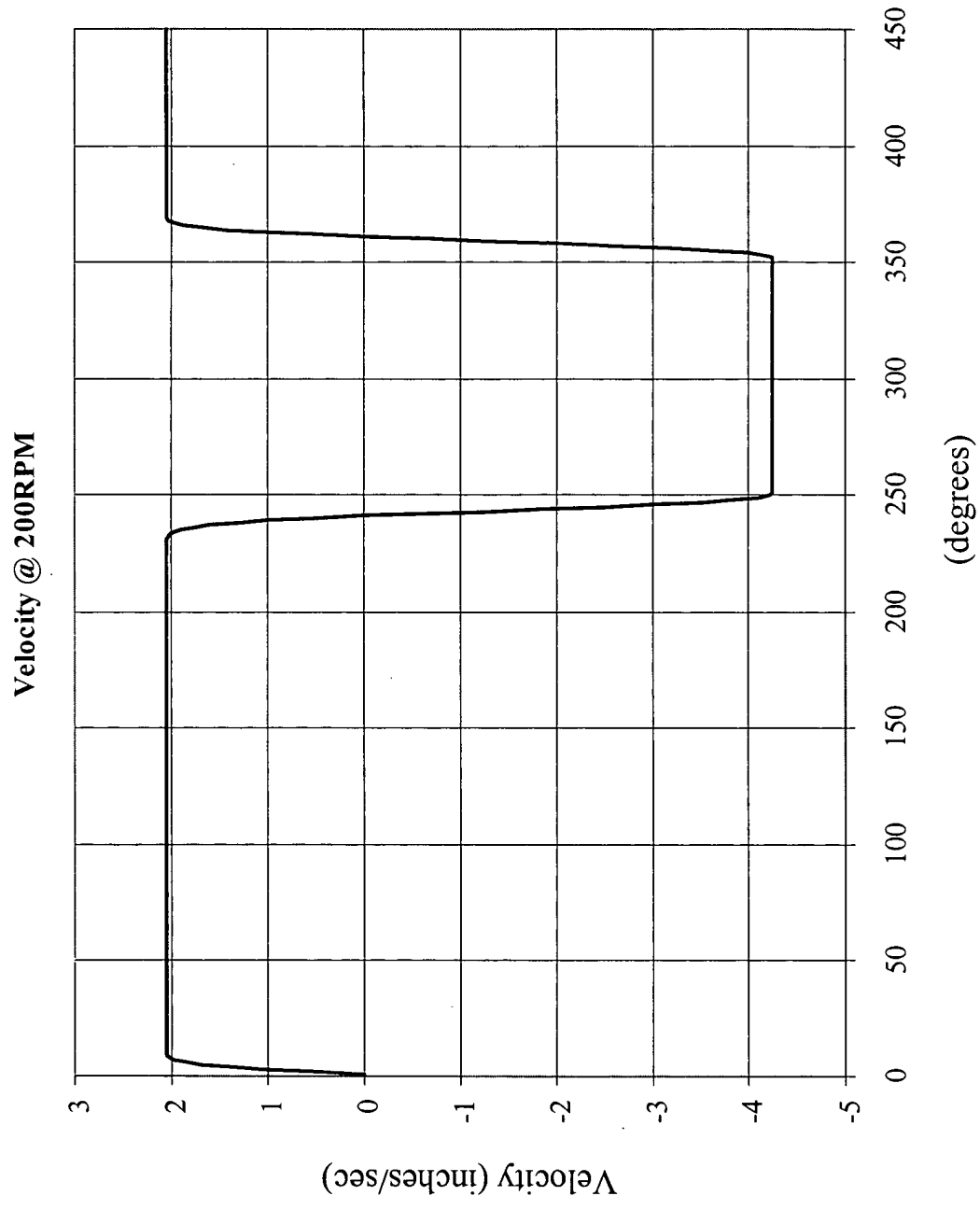


Fig. 9



**Fig. 10**